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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Number	09/898583	Docket Number	CNTR.2020
Filed	7/3/2001	Group Art Unit	2183
Examiner	HENRY TSAI	Customer No.	23669
Application Title	APPARATUS AND METHOD FOR DENSELY PACKING A BRANCH INSTRUCTION PREDICTED BY A BRANCH TARGET ADDRESS CACHE AND ASSOCIATED TARGET INSTRUCTIONS INTO A BYTE.WIDE INSTRUCTION BUFFER		
First Named Inventor	G. GLENN HENRY		

## INFORMATION DISCLOSURE STATEMENT TRANSMITTAL

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Attached hereto is Form PTO-1449, submitted under 37 CFR 1.97(d) and 1.97(e)(2), listing documents believed relevant to the subject application. It is respectfully requested that the examiner review the information disclosed herein in detail, independently evaluate each item carefully in the consideration of the pending claims and return an initialed copy of each form to the undersigned.

This disclosure statement should not be construed as a representation that a search has been made, that no other material information as defined in 37 CFR 1.56(a) exists, or as an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 CFR 1.56(b) or is available as a reference under 35 U.S.C. §102 et seq. Applicant reserves the right to swear behind or otherwise disprove the allege "prior" nature of any art cited should the facts support and the situation warrant such an action.

It is believed that this disclosure complies with the requirements of 37 CFR 1.56, 1.97 and 1.98, and the Manual of Patent Examining Procedures § 609. If for some reason the examiner considers otherwise, it is respectfully requested that the undersigned be called so that any deficiencies can be remedied.

The enclosed documents may have markings thereon. No significance is intended to be attached to the markings. Attached hereto is a check for the fee set forth in 37 CFR 1.17(p).

EXPRESS MAIL LABEL NUMBER: EO 005 260 679	US
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I hereby certify that this paper is being deposited with the U.S. Postal Service Express Mail Post Office to Addressee Service under 37 C.F.R. §1.10 on the date shown above and is addressed to Mail Stop AMENDMENT, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450. <i>Tagu Locket</i>	

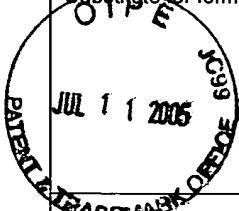
Respectfully submitted,

By E. Alan Davis

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Date 7-9-05

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<p>Substitute for form 1449-PTO    <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i> </p>				<b>Complete if Known</b>	
				Application Number	09/898583
				Filing Date	7/3/2001
				First Named Inventor	G. Glenn Henry
				Art Unit	2183
				Examiner Name	HENRY TSAI
Sheet	1	of	4	Attorney Docket Number	CNTR.2020

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		5706491	01-06-1998	Steven C. McMahan	
		5313634	05-17-1994	James Eickemeyer	
		5961629	10-05-1999	Nguyen et al	
		5832289	11-03-1998	Shaw et al	
		5828901	10-27-1998	O'Toole et al	
		5864707	01-26-1999	Tran et al	
		6233676	05-15-2001	Henry et al	
		5623615	04-22-1997	Salem et al	
		6175897	01-16-2001	Ryan et al	
		5734881	03-31-1998	White et al	
		6260138	07-10-2001	Jeremy G. Harris	
		6823444	11-23-2004	Henry et al	
		6256727	07-03-2001	Robert Greg McDonald	
		5931944	08-03-1999	Ginosar et al	
		5881260	03-09-1999	Raje et al	
		4860197	08-22-1989	Langendorf et al	
		5142634	08-25-1992	Fite et al	
		5163140	11-10-1992	Stiles et al	
		5404467	04-04-1995	Saba et al	
		5687360	11-11-1997	Po-Hua Chang	
		5761723	06-02-1998	Black et al	
		5867701	02-02-1999	Brown et al	
		5964868	10-12-1999	Gochman et al	
		5974543	10-26-1999	Hilgendorf et al	
		5978909	11-02-1999	Oded Lempel	

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This collection of information is required by 27 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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				Sheet	2

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		Number-Kind Code <sup>2</sup> (if known)			
		6088793	07-11-2000	Liu et al	
		6151671	11-21-2000	D'Sa et al	
		6314514	11-06-2001	Thomas C. McDonald	
		6502185	12-31-2002	Keller et al	
		6601161	07-29-2003	Rappoport et al	
		6647467	11-11-2003	Eric M. Dowling	
		5355459	10-11-1994	Matsuo et al	
		6108773	08-22-2000	Col et al	
		5513330	04-30-1996	David R. Stiles	
		6457120	09-24-2002	Balaram Sinharoy	
		5634103	05-27-1997	Dietz et al	
		6044459	03-28-2000	Bae et al	
		5530825	06-25-1996	Black et al	
		5812839	09-22-1998	Hoyt et al	
		5604877	02-18-1997	Hoyt et al	
		6134654	10-17-2000	Patel et al	
		4181942	01-01-1980	Forster et al	
		5687349	11-11-1997	Ralph C. McGarity	
		6279105	08-21-2001	Konigsburg et al	
		5881265	03-09-1999	McFarland et al	
		5968169	10-19-1999	James K. Pickett	
		6085311	07-04-2000	Narayan et al	
		6308259	10-23-2001	David B. Witt	
		5623614	04-22-1997	Van Dyke et al	
		5768576	06-16-1998	Hoyt et al	

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				Examiner Name	HENRY TSAI
Sheet	4	of	4	Attorney Docket Number	CNTR.2020

<b>NON PATENT LITERATURE DOCUMENTS</b>						
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				T <sup>2</sup>
	AA	YEH ET AL. <i>Alternative Implementation of Two-Level Adaptive Branch Prediction</i> . 19th Annual International Symposium on Computer Architecture. Pp124-134. May 19-21, 1992. Gold Coast, Australia				
	AB	CHANG ET AL. <i>Alternative Implementations of Hybrid Branch Predictors</i> . Proceedings of MICRO-28. 1995. IEEE.				
	AC	MC FARLING, SCOTT. <i>WRL Technical Note TN-36</i> . "Combining Branch Predictors. June 1993. Western Research Laboratory, 250 University Ave., Palo Alto, CA 94301				
	AD	BRAY ET AL. <i>Strategies For Branch Target Buffers</i> . Technical Report No. CSL-TR-91-480. June 1991.				
	AE	SAKAMOTO ET AL. <i>Microarchitecture Support for Reducing Branch Penalty in a Superscaler Processor</i> . Pp 208-216. Mitsubishi Electric Corp. 4-1 Mizuhara, Itami, Hyogo 664. Japan, 1996. IEEE.				

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